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**New 2-azetidinone derivs. - with carcinostatic and
antibacterial activity**

Patent Assignee: KANTO ISHI PHARM CO LTD (KANT-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|----------|----------|
| JP 61057580 | A | 19860324 | JP 84180212 | A | 19840829 | 198618 B |
| JP 94047573 | B2 | 19940622 | JP 84180212 | A | 19840829 | 199423 |

Priority Applications (No Type Date): JP 84180212 A 19840829

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-------------|------|-----|----|-------------|-----------------------------|
| JP 61057580 | A | | 8 | | |
| JP 94047573 | B2 | | | C07D-205/08 | Based on patent JP 61057580 |

Abstract (Basic): JP 61057580 A

2-Azetidinone derivs. of formula (I) are new. R1 is furyl or methoxyphenyl; R2 is benzimidazolyl, phenyl, methoxyphenyl, methoxycarbonylphenyl or ethoxycarbonylphenyl; R3 is H, phenyl or chloro.

Cpds. (I) are prepd. by reacting a Shiff's base of formula R1-CH=N-R2 (II) with halo ketene of formula R3-C(d)=C=O (III).

USE/ADVANTAGE - 2-Azetidinone derivs. (I) have excellent physiological activity such as carcinostatic, immuno-controlling and antibacterial activity. They are useful as pharmaceuticals.

Title Terms: NEW; AZETIDINONE; DERIVATIVE; CARCINOSTATIC; ANTIBACTERIAL; ACTIVE

Derwent Class: B03

International Patent Class (Main): C07D-205/08

International Patent Class (Additional): A61K-031/39; A61K-031/395;

A61K-031/415; C07D-235/00; C07D-403/04; C07D-405/04; C07D-405/14

File Segment: CPI

Manual Codes (CPI/A-N): B06-D05; B07-D01; B12-A01; B12-D02; B12-G07

Chemical Fragment Codes (M2):

01 D012 D711 F011 F012 F013 F014 F017 F019 F111 F410 G010 G011 G012
G013 G019 G100 H2 H211 H541 H542 H6 H602 H608 H621 H622 J011 J231 J5
J521 L9 L922 L941 M1 M113 M116 M119 M210 M211 M212 M272 M280 M281
M282 M320 M412 M413 M510 M511 M521 M522 M530 M531 M532 M533 M540
M710 M903 P220 P434 P633

Derwent Registry Numbers: 0443-S

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